

Converting Colors

Hex(16628C)

Have a look what the booklet for
Hex(16628C) contains.

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Color

Hex(16628C)

Conversions

Conversions Part 1

Format	Color
Hex	16628C
RGB	22, 98, 140
RGB Percent	9%, 38%, 55%
CMY	0.9137, 0.6157, 0.4510
CMYK	0.84, 0.30, 0.00, 0.45
HSL	201°, 73%, 32%
HSV	201°, 84%, 55%
XYZ	9.4322, 10.7994, 26.3983
YIQ	80.0640, -58.7780, -3.0500

Conversions

Conversions Part 2

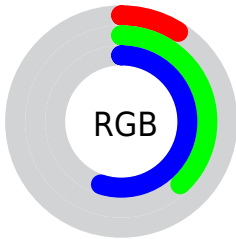
Format	Color
R_{YB}	22, 68, 140
Decimal	1467020
CIE _{Lab}	39.24, -6.62, -29.47
CIE _{LCh}	39, 30.202, 257.342
Yxy	10.7994, 0.2023, 0.2316
Android (android.graphics.Color)	4279657100 (0xFF16628C)
YUV	80.0640, 29.5484, -50.9221
Hunter-Lab	32.8624, -6.2761, -24.6238

Details

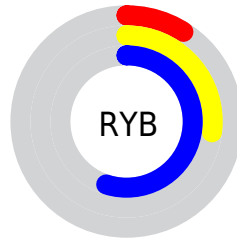
The Hex color **16628C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C4016**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5895C2**, and **00345A** is the 20% darker color. If you saturate the color by 10%, you get **085D8C**, and if you desaturate by 10%, it is **24678C**.

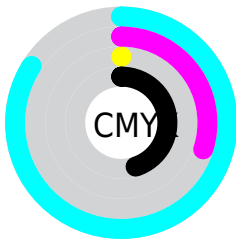
Distribution



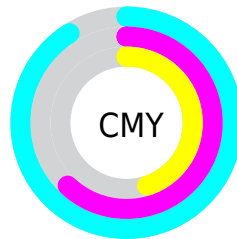
- Red (9%)
- Green (38%)
- Blue (55%)



- Red (9%)
- Yellow (27%)
- Blue (55%)



- Cyan (84%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16628C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 16628C by changing the saturation by 10% instead.

■ 16628C

■ 16628C

FFFFFF

■ 004A72

■ 5895C2

■ 00345A

■ 74AFDE

■ 001F42

■ 90CAFA

■ 00032C

■ ADE7FF

■ 000116

■ CAFFFF

■ 000000

■ E7FFFF

■ 16628C

■ 16628C

■ 085D8C

■ 24678C

005A8C

326C8C

40718C

4E768C

5C7B8C

6A808C

78858C

868A8C

948F8C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006780



16628C



4E5A8B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16628C



8B494F



41653A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16628C



8C4016

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5D5F2C



16628C



854F39

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16628C



854968



74572C



1A6851

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16628C



675484



74572C



4B6434

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16628C



88A5B5



168C3F



40525C



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16628C



0075B5



16288C



3E4245



005585



000305

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8C1662



B50075



8C7A16



453E42



850055



050003

Previews

White Background



This preview shows how the Hex color 16628C looks on a white background.

Color Contrast Check

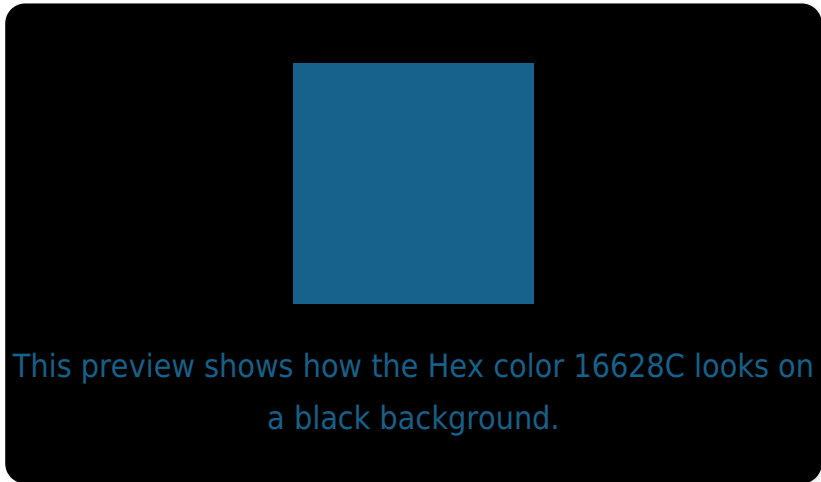
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

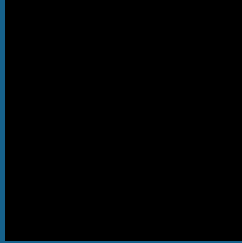
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 16628C Background



This preview shows how black text looks on a background with the Hex color 16628C.

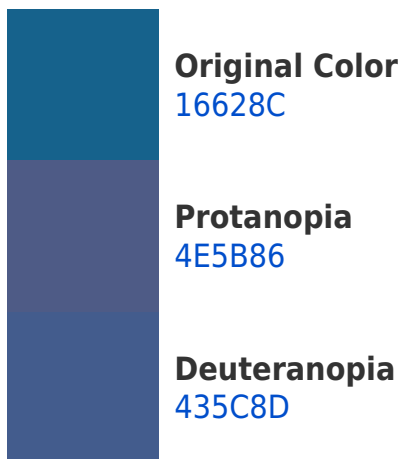


This preview shows how white text looks on a background with the Hex color 16628C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

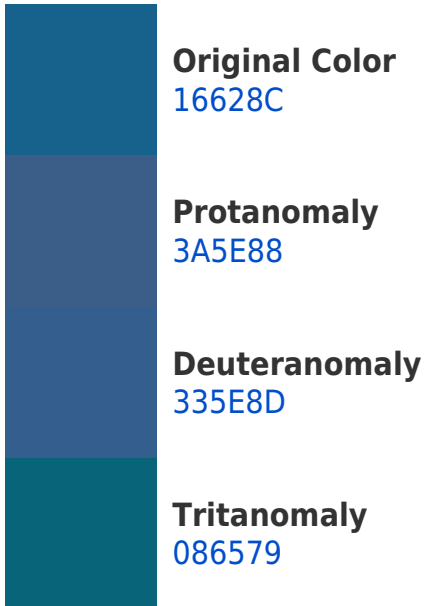
Dichromacy



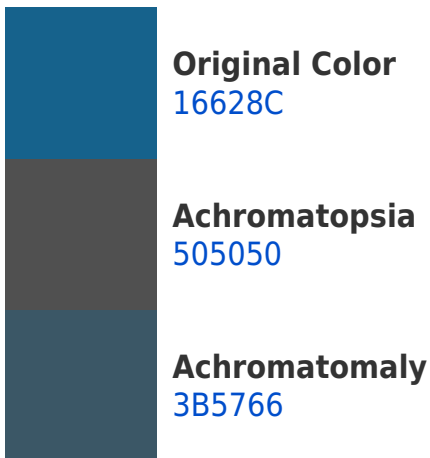


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16628C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #16628C looks like.

```
.text, #text, p{  
    color:#16628C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #16628C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16628C  
}
```

Border

The CSS property to change the border of an element to Hex 16628C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#16628C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#16628C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #16628C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16628C; -webkit-box-shadow:4px 4px  
4px 4px #16628C; box-shadow:4px 4px 4px  
4px #16628C }
```

Background

The CSS property to change the background color of an element to Hex 16628C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16628C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#16628C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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